Polluted Air

1. What is air?

Air is a type of gas that surrounds our planet. You can’t see the air but you can feel it when you run or when you fly a kite. Clouds are tiny drops of water in the air. The air stretches for several miles above the clouds. The air becomes thinner the higher it is above the ground.

1. Why is air so important?

Oxygen is one type of gases in the air. Living things needs it to stay alive. Animals breathe in oxygen to get the energy they need to move around. Carbon Dioxide is another gas that is in the air. Humans and other animals breathe out carbon dioxide.

1. Where does oxygen come from?

Plants make oxygen when they create plant food. Their leaves take in carbon dioxide from the air. They use sunlight to change carbon dioxide and water into plant food. When plants make plant food, they also make oxygen. The oxygen escapes into the air. This gives more oxygen for animals to breathe in. When the cut down trees we will have less air to breathe in.

1. What is polluted air?

Dirt or other harmful things in the air are called air pollution. The air in cities is usually more polluted than countryside. Most pollution is caused by vehicles, factories, and power station. If the air is dirty, people can get sick. They will have problems breathing. Asthma is an illness that makes it hard for them to breathe. People with asthma may have an asthma attack when the air is much polluted.

1. How do vehicles pollute the air?

Aeroplanes, cars, trucks, and other vehicles have engines that burn fuel to make them work. Almost all fuel is made from oil. As vehicles burn fuel, they create waste gases. The waste gases get release into the air. The gases mix with the air and pollute it. Waste gases include carbon dioxide and several poisonous gases.

1. What else cause air pollution?

Most factories and power stations cause air pollution. Factories make many kinds of things. For examples, toys, clothes, cars, and even some foods are made in factories. Many factories create waster chemicals that pollute the air. Power stations make electricity. We can use electricity to light our rooms and to run televisions, computers, and other machines. Most power stations burn fuels such as cool or oil to make electricity. Burning coal and oil makes waste gases that pollute the air.

1. Polluted rain

Rain is drops of water that comes from thick clouds. Waste gases from factories and power stations mix with the drops of water. The gases pollute the rain. Sometimes rain also contains soot and other bits of dirt. Polluted rain is called acid rain. Acid rain damages buildings it can also kill trees. When acid rain flows into lakes, it can kill fish and other animals.

1. The ozone layer

The ozone layer is a layer of ozone gas that is high above the clouds. The ozone layer protects us from the harmful energies of the sun. Some kinds of air pollution destroy some of the ozone in ozone layer. When ozone is destroyed the ozone layer becomes thinner. Then it does not protect us well from us well from the sun.